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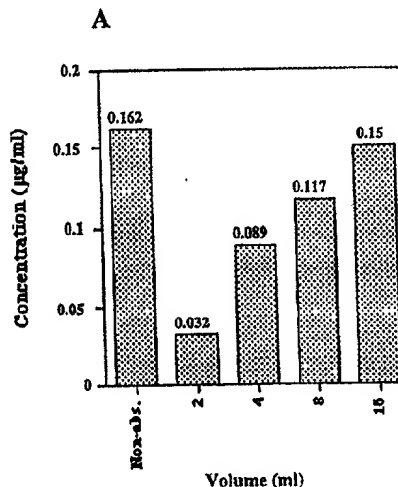
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C07K 14/705, C12N 15/62 // C07K 19/00		A1	(11) International Publication Number: WO 98/42750
			(43) International Publication Date: 1 October 1998 (01.10.98)
(21) International Application Number: PCT/SE98/00555		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).	
(22) International Filing Date: 26 March 1998 (26.03.98)			
(30) Priority Data: 9701127-4 26 March 1997 (26.03.97) SE			
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(54) Title: ANTIGENIC FUSIONPROTEIN CARRYING GAL α 1,3GAL EPTOPES

(57) Abstract

The present invention relates to an antigenic fusionprotein, which carries multiple Gal α 1,3Gal epitopes. The fusion protein according to the invention may also be comprised of a heavily glycosylated mucin part, which mediates binding to selectins, such as PSGL-1, and a part, which exhibits immunoglobulin properties, such as the Fc part of IgG. The fusionprotein according to the invention is preferably used as an absorber to prevent a hyperacute rejection of a xenotransplant, such as a pig tissue or organ transplanted into a human patient. In addition, the invention relates to a method for the prevention of a hyperacute rejection reaction in a patient who is to receive a xenotransplant.



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